# SUNECO Programme

**7 – 10 May 2019 | Protea Hotel, Techno Park, Stellenbosch**

## TUESDAY 7 MAY 2019  
**Principles and fundamentals of echocardiography**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>07h00</td>
<td>Registration</td>
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<tr>
<td>07h50</td>
<td>Welcome and introduction</td>
<td>Anton Doubell</td>
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<tr>
<td>08h00</td>
<td><strong>SESSION 1</strong>&lt;br&gt;08h00 – 08h45 Applied cardiac morphology – Understanding the echo views&lt;br&gt;08h45 – 09h30 Knobology and image optimization – Understanding the echo machine&lt;br&gt;09h30 – 10h00 Concepts in Doppler 1</td>
<td>Philip Herbst &amp; Lloyd Joubert, Navroz Masani, Philip Herbst</td>
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<td>10h00</td>
<td>MORNING TEA</td>
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<td>10h30</td>
<td><strong>SESSION 2</strong>&lt;br&gt;10h30 – 11h00 Concepts in Doppler 2&lt;br&gt;11h00 – 11h20 Critical thinking focus session – Doppler&lt;br&gt;11h20 – 12h00 The TTE examination – a systematic approach&lt;br&gt;12h00 – 12h45 Critical thinking in echocardiography</td>
<td>Philip Herbst, Alfonso Pecoraro, Navroz Masani, Philip Herbst</td>
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<td>12h45</td>
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<td>13h45</td>
<td><strong>SESSION 3</strong>&lt;br&gt;13h45 – 14h25 The TOE examination – a systematic approach&lt;br&gt;14h25 – 15h05 Assessment of global LV systolic function</td>
<td>Navroz Masani, Alfonso Pecoraro</td>
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<td>15h35</td>
<td><strong>SESSION 4</strong>&lt;br&gt;15h35 – 16h25 Assessment of regional LV function&lt;br&gt;16h25 – 17h00 Artefacts and common pitfalls in echocardiography</td>
<td>Philip Herbst, Lloyd Joubert, Navroz Masani</td>
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<td><strong>SESSION 5</strong>&lt;br&gt;09h00 – 09h30 Complications of myocardial infarction&lt;br&gt;09h30 – 10h30 Wetlab session: Getting to grips with cardiac morphology</td>
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<td><strong>SESSION 6</strong>&lt;br&gt;11h00 – 11h45 LV diastolic function assessment&lt;br&gt;11h45 – 12h15 Critical thinking focus session: Diastology cases</td>
<td>Philip Herbst, Alfonso Pecoraro</td>
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<td><strong>SESSION 7</strong>&lt;br&gt;13h15 – 14h00 Assessment of the right heart and PA pressures&lt;br&gt;14h00 – 15h00 Case studies in heart muscle disease&lt;br&gt;15h00 – 15h20 Critical thinking focus session: Heart muscle cases</td>
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<td><strong>SESSION 8</strong>&lt;br&gt;15h45 – 16h15 Echo after stroke&lt;br&gt;16h15 – 16h55 Cardiac masses: An approach with cases&lt;br&gt;16h55 – 17h15 Critical thinking focus session: Identify this cardiac mass</td>
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## WEDNESDAY 8 MAY 2019  
**Evaluating cardiac function and haemodynamics**

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## THURSDAY 9 MAY 2019  
**Valvular heart disease and related structures**

### SESSION 9
- **08h00 – 08h45**  
  Assessment of aortic stenosis  
  **Philip Herbst**
- **08h45 – 09h15**  
  Critical thinking focus session: Aortic stenosis  
  **Rudolph du Toit**
- **09h15 – 09h40**  
  Aortic coarctation assessment  
  **Alfonso Pecoraro**

### SESSION 10
- **10h10 – 10h55**  
  Assessment of Aortic Regurgitation  
  **Philip Herbst**
- **10h55 – 11h20**  
  Critical thinking focus session: Aortic Regurgitation  
  **Alfonso Pecoraro**
- **11h20 – 12h00**  
  Assessment of the thoracic aorta and pathology  
  **Navroz Masani**
- **12h00 – 12h45**  
  Tricuspid valve assessment (Heartworks)  
  **Alfonso Pecoraro & Rudolph du Toit**

### SESSION 11
- **13h45 – 14h25**  
  MR: Mitral valve anatomy and TOE exam exploring mechanisms of MR  
  **Navroz Masani**
- **14h25 – 15h00**  
  MR: Assessing severity  
  **Philip Herbst**
- **15h00 – 15h20**  
  MR: Systematic assessment of repair  
  **Navroz Masani**

### SESSION 12
- **15h50 – 16h35**  
  Mitral stenosis assessment with cases  
  **Anton Doubell**
- **16h35 – 17h05**  
  Critical thinking focus session: Mitral valve cases  
  **Rudolph du Toit**

### FRIDAY 10 MAY 2019  
**The rest**

### SESSION 13
- **08h00 – 08h35**  
  Prosthetic valve evaluation: Aortic valve  
  **Philip Herbst**
- **08h35 – 09h05**  
  Prosthetic valve evaluation: Mitral valve  
  **Alfonso Pecoraro**
- **09h05 – 09h45**  
  Infective endocarditis  
  **Anton Doubell**
- **09h45 – 10h15**  
  Critical thinking focus session: Prosthetic valves and endocarditis  
  **Lloyd Joubert**

### SESSION 14
- **10h45 – 11h30**  
  Pericardial disease: Effusion, tamponade and other interesting cases  
  **Charles Kyriakakis**
- **11h30 – 12h00**  
  Pericardial constriction: Haemodynamics in a nutshell  
  **Philip Herbst**

### SESSION 15
- **13h00 – 13h35**  
  Simple GUCH: ASD, AVSD and evaluation for percutaneous closure  
  **Alfonso Pecoraro**
- **13h35 – 14h05**  
  Simple GUCH: VSD evaluation  
  **Philip Herbst**
- **14h05 – 14h45**  
  Complex GUCH: An approach and illustrative case  
  **Navroz Masani**

### SESSION 16
- **15h15 – 15h45**  
  Out of Africa: Case studies from Nigeria  
  **Mohamed Talle**
- **15h45 – 16h15**  
  Out of Africa: Case studies from Zambia  
  **Lorrita Kabwe**
- **16h15 – 16h30**  
  Closing remarks and farewell